DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name: that I verily believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter claimed and for which a patent is sought in the application entitled:

OPTICAL DETECTOR	1								
which application is:	1	•							
the attached application	:	☐ Application No.							
(for original application)		(Confirmation No.)						
		filed	, and amended on						
	•	(for dealeration not so	nonmanying application)						
(for declaration not accompanying application)									
that I have reviewed and understand the contents of the specification of the above-identified application, including the claims, as									
amended by any amendment referred to above; that I acknowledge my duty to disclose information of which I am aware which is									
material to the patentability of this application under 37 C.F.R. 1.56, that I hereby claim priority benefits under Title 35, United States									
Code §119, §172 or §365 of any provisional application or foreign application(s) for patent or inventor's certificate listed below and have also identified on said list any foreign application for patent or inventor's certificate on this invention having a filing date before									
that of any foreign application on which pri			<i>y y</i>						
	J		Priority Claimed						
Application Number	Country	Filing Date	Yes No						
P. 2001-045570	Japan	21/February/2001							
		,							
I tiereby claim the benefit of Title 35, Un	ited States Code \$120 o	f any United States application(s)	listed below and, insofar as the						
subject matter of each of the claims of the	his application is not di	sclosed in a listed prior United S	tates application in the manner						
provided by the first paragraph of Title 35, United States Code, §112, I acknowledge my duty to disclose any information material to									
the patentability of this application under 37 C.F.R. 1.56 which occurred between the filing date of the prior application and the									
national or PCT international filing date of	this application:								
Application No.	Filing	Date	Status						
I hereby appoint John H. Mion, Reg. No.	18.879; Robert J. Seas.	Jr., Reg. No. 21,092; Darryl Mex	cic, Reg. No. 23,063; Robert V.						
Stoan, Reg. No. 22,775; Peter D. Olexy, R	eg. No. 24,513; J. Frank	Osha, Reg. No. 24,625; Louis Gut	oinsky, Reg. No. 24,835; Neil B.						
Siegel, Reg. No. 25,200; David J. Cushing	g, Reg. No. 28,703; John	n R. Inge, Reg. No. 26,916; Joseph	h J. Ruch, Jr., Reg. No. 26,577;						
Sheldon I. Landsman, Reg. No. 25,430; R	ichard C. Turner, Reg. N	lo. 29,710; Howard L. Bernstein, R	Reg. No. 25,665; Alan J. Kasper,						
Reg. No. 25,426; Kenneth J. Burchfiel, R	eg. No. 31,333; Gordon	Kit, Reg. No. 30,764; Susan J. M.	lack, Reg. No. 30,951; Frank L.						
Bernstein, Reg. No. 31,484; Mark Boland	d, Reg. No. 32,197; Wi	lliam H. Mandir, Reg. No. 32,15	6; Brian W. Hannon, Reg. No.						
32,778; Abraham J. Rosner, Reg. No. 33,2	2/6; Bruce E. Kramer, K	eg. No. 33,/25; Paul F. Nells, Reg	T Callahan Reg. No. 32 607						
Reg. No. 32,765; Robert M. Masters, Reg. No. 35,603, George F. Lehnigk, Reg. No. 36,359, John T. Callahan, Reg. No. 32,607, Steven M. Gruskin, Reg. No. 36,818, Peter A. McKenna, Reg. No. 38,551 and Edward F. Kenehan, Reg. No. 28,962, my attorneys to									
prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and request that all									
correspondence about the application be addressed to SUGHRUE MION, PLLC, 2100 Pennsylvania Avenue, N.W., Washington,									
D.C. 20037-3213.									
I hereby declare that all statements made h	erein of my own knowle	dge are true and that all statements	made on information and belief						
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so									
made are punishable by fine or imprisonm	ent, or both, under Section	on 1001 of Title 18 of the United S	States Code and that such willful						
false statements may jeopardize the validity									
Date January 31, 2002	First Inve	ntor Kennosuke	КОЛМА						
			le Initial Last Name						
Residence Kyoto-shi Ky	yoto, Japan	Signature Kennosuke	2 Kojima						
City	tate/Country								
TO THE RESERVE OF THE PARTY OF									
Post Office Address: c/o HORIBA, Ltd., 2, Miyanohigashi-cho, Kisshoin, Minami-ku, Kyoto-shi, Kyoto, Japan									
Citizenship Japan									

Date	January 31	1, 2002	Second Inventor	Masahiko		ISHIDA
Residence	Kyoto-shi City	Kyoto, Japan State/Country	Signat	First Name ure Mas	Middle Initial	Last Name
Post Offiœ	Address:	c/o HORIBA, Ltd., 2, Miya	nohigashi-cho, Kissl	hoin, Minami-ku	, Kyoto-shi, Kyoto,	Japan
Citizenship	Japan					
Date	January 31	L, 2002	_ Third Inventor	Shuji First Name	Middle Initial	TAKADA
Residence	Kyoto-shi City	Kyoto, Japan State/Country	Signate		Vilddle Initial	Last Name
Post Office	Address:	c/o HORIBA, Ltd., 2, Miya	nohigashi-cho, Kissl	noin, Minami-ku	, Kyoto-shi, Kyoto,	Japan
Citizenship	Japan					
		······································				
Date			Fourth Inventor	First Name	Middle Initial	Last Name
Residence	City	State/Country	Signati	ure		
Post Office	Address:				NO. 400	
### ### # 54.						
Date			Fifth Inventor			
Residence			Signati	First Name	Middle Initial	Last Name
	City	State/Country				
Post Office	Address:		· · · · · · · · · · · · · · · · · · ·			
Citizenship						
Date	_		Sixth Inventor	First Name	Middle Initial	Last Name
Residence	City	C4_4_/(C4	Signatu			Past Ivaliie
Post Office A	City Address:	State/Country				
Citizenship						